

## SolarTech Power Solutions

# Antimony energy storage battery price



## Overview

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Antimony prices have skyrocketed to around \$51,500 per tonne as of February 2025, up from \$11,000 per tonne in November 2023. How will antimony prices affect the energy industry?

The surge in antimony prices has significant implications for various industries. Manufacturers of lead-acid batteries, solar panels, and flame-retardant materials are facing higher production costs. This could lead to increased prices for end consumers and potentially slow down the adoption of renewable energy technologies.

Why are antimony prices so volatile?

The metal is also essential in the production of lead-acid batteries, energy storage systems, and flame-retardant materials. Geopolitical Factors  
Geopolitical tensions have further contributed to the volatility in antimony prices.

Can antimony be integrated in energy storage materials?

With over 37% rise in electric vehicle production in recent years and more than 21% growth in demand for stationary energy storage systems, the opportunity for antimony integration in energy storage materials is expanding.

Could antimony find new life in a liquid-metal battery design?

Learn more about IEEE → Antimony is a chemical element that could find new life in the cathode of a liquid-metal battery design. Cost is a crucial variable for any battery that could serve as a viable option for renewable energy storage on the grid.

Why is antimony important for solar panels?

Antimony is a critical component in photovoltaic (PV) glass used in solar panels. With record levels of solar PV installations, especially in China, the

demand for antimony has surged. The metal is also essential in the production of lead-acid batteries, energy storage systems, and flame-retardant materials. Geopolitical Factors.

Should smelters pay for antimony?

“On the upside for smelters, they are only paying for the antimony in scrap at the price of lead, but charging for it in finished alloys at elevated levels, if not right up to the price of new antimony. So maybe they should dry their tears just a little.” China produces around 48% of the world’s antimony.

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